

## Alpha Stem Cell Clinics Trials

The Alpha Stem Cell Clinics Network is pursuing its goal to accelerate the development and delivery of stem cell treatments to patients through high quality clinical trials.

Browse the list of ongoing trials at Alpha Stem Cell Clinic locations in the table below. You can sort trials based on different fields by clicking on the appropriate column header. Trials are automatically listed by status of trial enrollment and Alpha Clinic location.

## **Alpha Clinic Trials**

| Alpha Clinic           | Alpha Clinic Contact  | Trial Sponsor | Disease Indication                             | Clinical Trial Name   | Status of<br>Enrollment | Learn<br>More |
|------------------------|---|---------------|--|---|-------------------------|---------------|
| UCSD                   | (844) 317-7836<br>alphastemcellclinic@ucsd.edu  | Viacyte       | Diabetes - Type 1                              | Three Year Follow-up Safety<br>Study in Subjects Previously<br>Implanted With VC-01   | Recruiting              |               |
| UCSD                   | (844) 317-7836<br>alphastemcellclinic@ucsd.edu  | Viacyte       | Diabetes - Type 1                              | A Safety, Tolerability, and<br>Efficacy Study of VC-01™<br>Combination Product in Subjects<br>With Type I Diabetes Mellitus                                 | Recruiting              |               |
| UCSD                   | (844) 317-7836<br>alphastemcellclinic@ucsd.edu  | Viacyte       | Diabetes - Type 1                              | A Safety, Tolerability, and<br>Efficacy Study of VC-02™<br>Combination Product in Subjects<br>With Type 1 Diabetes Mellitus<br>and Hypoglycemia Unawareness | Recruiting              |               |
| UCSF                   | Romobia Hutchinson<br>415-476-9326<br>romobia.hutchinson@ucsf.edu   | UCSF          | Blood Disorder -<br>Alpha Thalassemia<br>Major | In Utero Hematopoietic Stem Cell<br>Transplantation for Alpha-<br>thalassemia Major (ATM)   | Recruiting              |               |
| UCSD                   | (844) 317-7836<br>alphastemcellclinic@ucsd.edu  | UCSD          | Cancer - Leukemia                              | Extension Study of UC-961<br>(Cirmtuzumab) for Patients With<br>Chronic Lymphocytic Leukemia<br>Treated Previously With UC-961                              | No longer<br>active     |               |
| UCSD                   | Barbara Parker, MD<br>858-822-6135<br>baparker@ucsd.edu<br>Rebecca Shatsky, MD<br>858-657-7000<br>rshatsky@ucsd.edu | UCSD          | Cancer - Breast                                | Study of Cirmtuzumab and<br>Paclitaxel for Metastatic or<br>Locally Advanced, Unresectable<br>Breast Cancer   | Recruiting              |               |
| UCSD                   | (844) 317-7836<br>alphastemcellclinic@ucsd.edu  | UCSD          | Cancer - Leukemia                              | UC-961 (Cirmtuzumab) in<br>Relapsed or Refractory Chronic<br>Lymphocytic Leukemia   | No longer<br>active     |               |
| UCSD<br>& City of Hope | (844) 317-7836<br>alphastemcellclinic@ucsd.edu  | UCSD          | Cancer - Leukemia                              | A Study of the Cirmtuzumab and<br>Ibrutinib in Patients With B-Cell<br>Lymphoid Malignancies  | Recruiting              |               |

| UCLA         | Kit L Shaw, PhD<br>(310) 267-0584<br>kshaw@mednet.ucla.edu                          | UCLA                  | Severe Combined<br>Immunodeficiency<br>(SCID) | Autologous Transplant of EFS-<br>ADA Modified Bone Marrow Cells<br>for ADA-Deficient Severe<br>Combined Immunodeficiency<br>(SCID)   | No longer<br>active    |
|--------------|---|-----------------------|---|--|------------------------|
| UCLA         | Siwen Hu-Lieskovan, M.D.<br>310-206-8477 ext 28099<br>shu-lieskovan@mednet.ucla.edu | UCLA                  | Cancer  | Genetically Engineered PBMC<br>and PBSC Expressing NY-ESO-1<br>TCR After a Myeloablative<br>Conditioning Regimen to Treat<br>Patients With Advanced Cancer<br>(NYESO SCT)  | Recruiting             |
| UCLA         | Fabrizia Urbinati, PhD<br>(310) 794-1884<br>furbinati@ucla.edu                      | UCLA                  | Sickle Cell Disease                           | Stem Cell Gene Therapy for<br>Sickle Cell Disease  | Recruiting             |
| UCLA         | Caroline Kuo, MD<br>310-794-1940<br>ckuo@mednet.ucla.edu                            | UCLA                  | X-linked Chronic<br>Granulomatous<br>Disease  | Study of Gene Therapy Using a<br>Lentiviral Vector to Treat X-linked<br>Chronic Granulomatous Disease  | Recruiting             |
| UCLA         | Krikor Bornazyan<br>(310-825-7174)<br>KBornazyan@mednet.ucla.edu                    | UCLA                  | Cancer - Lung                                 | A Phase I trial of intratumoral<br>administration of CCL21-gene<br>modified dendritic cell (DC)<br>combined with intravenous<br>pembrolizumab for advanced<br>NSCLC  | Active, not recruiting |
| UC Davis     | Jane McCluskey<br>916-703-9302<br>jmccluskey@ucdavis.edu                            | UC Davis              | Eye - Retinopathy                             | Clinical Trial of Autologous<br>Intravitreal Bone-marrow CD34*<br>Stem Cells for Retinopathy   | Recruiting             |
| UC Davis     | Jane McCluskey<br>916-703-9302<br>jmccluskey@ucdavis.edu                            | UC Davis              | Cancer - Tongue<br>Dysphagia                  | Autologous Muscle Derived Cells<br>for Gastro-Intestinal Repair<br>(AMDC-GIR) for Tongue<br>Dysphagia  | Recruiting             |
| UC Davis     | Jane McCluskey<br>916-703-9302<br>jmccluskey@ucdavis.edu                            | UC Davis              | Cancer -<br>Lymphoma (HIV-<br>Related)        | Gene Therapy in Treating Patients with Human Immunodeficiency Virus-Related Lymphoma Receiving Stem Cell Transplant  | Recruiting             |
| City of Hope | Erminia Massarelli<br>626-218-9200<br>emassarelli@coh.org                           | Tessa<br>Therapeutics | Cancer -<br>Nasopharyngeal<br>Carcinoma       | A Multicentre, Randomized, Open-Label, Phase III Clinical Trial Of Gemcitabine And Carboplatin Followed By Epstein- Barr Virus-Specific Autologous Cytotoxic T Lymphocytes Versus Gemcitabine And Carboplatin As First Line Treatment For Advanced Nasopharyngea | Recruiting             |
| UCI          | UCI Stem Cell Clinic<br>9498243990<br>stemcell@uci.edu                              | Stratetech            | Burn wounds                                   | StrataGraft® Skin Tissue in the<br>Promotion of Autologous Skin<br>Regeneration of Complex Skin<br>Defects Due to Thermal Burns<br>That Contain Intact Dermal<br>Elements  | Recruiting             |

| City of Hope   | Nadia Ewing, MD<br>(626) 256-4673 x89200<br>newing@coh.org  | Sangamo<br>Therapeutics | Hemophilia A                                  | Dose-Ranging Study of<br>Recombinant AAV2/6 Human<br>Factor 8 Gene Therapy SB-525 in<br>Subjects With Severe Hemophilia<br>A   | Recruiting             |
|----------------|---|-------------------------|---|--|------------------------|
| City of Hope   | Nadia Ewing, MD<br>(626) 256-4673 x89200<br>newing@coh.org  | Sangamo<br>Therapeutics | Hemophilia B                                  | Ascending Dose Study of<br>Genome Editing by the Zinc<br>Finger Protein (ZFP) Therapeutic<br>SB-FIX in Subjects With Severe<br>Hemophilia B  | Recruiting             |
| UCSF<br>& UCLA | Marci Moriarty, BSN, RN<br>510-428-3885 ext 5396<br>mmoriarty@mail.cho.org<br>Bruck Habtemariam<br>310-794-0242<br>bhabtemariam@mednet.ucla.edu | Sangamo<br>Therapeutics | Blood Disorder -<br>Beta-Thalassemia          | A Study to Assess the Safety,<br>Tolerability, and Efficacy of ST-<br>400 for Treatment of Transfusion-<br>Dependent Beta-thalassemia<br>(TDT)   | Recruiting             |
| UCI            | UCI Stem Cell Clinic<br>(949) 824-3990<br>stemcell@uci.edu  | SanBio                  | Stroke  | Study of Modified Stem Cells in<br>Patients With Chronic Motor<br>Deficit From Ischemic Stroke   | Active, not recruiting |
| UCLA<br>& UCI  | UCLA: Courtney Real, BSN<br>310-267-7433<br>creal@mednet.ucla.edu<br>UCI: UCI Stem Cell Clinic<br>(949) 824-3990<br>stemcell@uci.edu            | SanBio                  | Brain Injury                                  | A Double-Blind, Controlled Phase<br>2 Study of the Safety and<br>Efficacy of Modified Stem Cells<br>(SB623) in Patients With Chronic<br>Motor Deficit From Traumatic<br>Brain Injury (TBI)   | Active, not recruiting |
| UCSD           | (844) 317-7836<br>alphastemcellclinic@ucsd.edu  | Persimmune,<br>Inc.     | Cancer - Blood                                | Personalized Adoptive Cellular<br>Therapy Targeting MDS Stem Cell<br>Neoantigens (PACTN)   | Recruiting             |
| UCSD           | (844) 317-7836<br>alphastemcellclinic@ucsd.edu  | Persimmune,<br>Inc.     | Cancer - Blood                                | Collection of Bone Marrow,<br>Peripheral Blood (PB), Epithelial<br>Tissue, and Saliva Samples From<br>Patients With Myelodysplastic<br>Syndromes (MDS) to Identify<br>MDS-Specific Antigens  | Recruiting             |
| UCLA           | Kit L Shaw, PhD<br>(310) 267-0584<br>kshaw@mednet.ucla.edu  | Orchard<br>Therapeutics | Severe Combined<br>Immunodeficiency<br>(SCID) | Efficacy and Safety of a Cryopreserved Formulation of Autologous CD34* Hematopoietic Stem Cells Transduced Ex Vivo With EFS Lentiviral Vector Encoding for Human ADA Gene in Subjects With ADA Deficiency Severe Combined Immunodeficiency | No longer<br>active    |
| UC Davis       | Jane McCluskey<br>916-703-9302<br>jmccluskey@ucdavis.edu  | Nohla<br>Therapeutics   | Cancer – Leukemia                             | Phase 2 open-label, multi-center, randomized, controlled, dose-finding study of safety and efficacy of NLA101 to reduce the rate of infections associated with CIN in adult subjects with AML  | Recruiting             |

| UCSD         | (844) 317-7836<br>alphastemcellclinic@ucsd.edu           | Neuralstem           | Spinal Cord Injury   | Safety Study of Human Spinal<br>Cord-derived Neural Stem Cell<br>Transplantation for the Treatment<br>of Chronic SCI   | Recruiting             |
|--------------|--|----------------------|----------------------|--|------------------------|
| UCSD         | (844) 317-7836<br>alphastemcellclinic@ucsd.edu           | Mesoblast            | Heart Failure        | The Purpose of This Study is to<br>Evaluate the Efficacy and Safety<br>of a Allogeneic Mesenchymal<br>Precursor Cells (CEP-41750) for<br>the Treatment of Chronic Heart<br>Failure | Recruiting             |
| UCI          | UCI Stem Cell Clinic<br>9498243990<br>stemcell@uci.edu   | Longeveron           | Aging frailty        | Phase IIb Trial to Evaluate<br>Longeveron Mesenchymal Stem<br>Cells to Treat Aging Frailty   | Recruiting             |
| City of Hope | Hormoz Mirshkarlo<br>626-218-8074<br>hmirshkarlo@coh.org | Kite Pharma          | Cancer -<br>Lymphoma | A Phase 2 Multicenter Study<br>Evaluating Subjects With<br>Relapsed/Refractory Mantle Cell<br>Lymphoma (ZUMA-2)  | Active, not recruiting |
| City of Hope | Hormoz Mirshkarlo<br>626-218-8074<br>hmirshkarlo@coh.org | Kite Pharma          | Cancer -<br>Lymphoma | A Phase 1-2 Multi-Center Study<br>Evaluating KTE-C19 in Subjects<br>With Refractory Aggressive Non-<br>Hodgkin Lymphoma (ZUMA-1)<br>(ZUMA-1)                                       | Recruiting             |
| City of Hope | Elizabeth Budde, MD<br>626-218-2405                      | Kite Pharma          | Cancer -<br>Lymphoma | A Multicenter, Open-label,<br>Expanded Access Study of<br>Axicabtagene Ciloleucel for the<br>Treatment of Subjects With<br>Relapsed/Refractory Large B-<br>cell Lymphoma           | Recruiting             |
| City of Hope | Hormoz Mirshkarlo<br>626-218-8074<br>hmirshkarlo@coh.org | Kite Pharma          | Cancer -<br>Lymphoma | A Study Evaluating KTE-C19 in<br>Combination With Atezolizumab<br>in Subjects With Refractory<br>Diffuse Large B-Cell Lymphoma<br>(DLBCL) (ZUMA-6)                                 | Recruiting             |
| City of Hope | Cara Nolan<br>626-256-4673 ext 32341<br>cnolan@coh.org   | Juno<br>Therapeutics | Cancer - Leukemia    | Study Evaluating the Efficacy<br>and Safety of JCAR015 in Adult<br>B-cell Acute Lymphoblastic<br>Leukemia (B-ALL)  | No longer<br>active    |
| City of Hope | Cara Nolan<br>626-256-4673 ext 32341<br>cnolan@coh.org   | Juno<br>Therapeutics | Cancer - Leukemia    | Long-Term Follow-up Study for<br>Patients Previously Treated With<br>JCAR015   | No longer<br>active    |
| City of Hope | Cara Nolan<br>626-256-4673 ext 32341<br>cnolan@coh.org   | Juno<br>Therapeutics | Cancer -<br>Lymphoma | Study Evaluating the Safety and<br>Pharmacokinetics of JCAR017 in<br>B-cell Non-Hodgkin Lymphoma<br>(NHL)  | Recruiting             |

| City of Hope           | Cara Nolan<br>626-218-3241<br>canolan@coh.org   | Juno<br>Therapeutics           | Cancer -<br>Lymphoma               | An Open-Label, Phase 1 Safety<br>and Phase 2 Randomized Study<br>of JCAR017 in Subjects with<br>Relapsed or Refractory Chronic<br>Lymphocytic Leukemia or Small<br>Lymphocytic Lymphoma<br>(017004)   | Recruiting             |
|------------------------|---|--------------------------------|------------------------------------|---|------------------------|
| UCI                    | UCI Stem Cell Clinic<br>(949) 824-3990<br>stemcell@uci.edu  | jCyte                          | Eye - Retinitis<br>Pigmentosa (RP) | Safety of a Single, Intravitreal<br>Injection of Human Retinal<br>Progenitor Cells (jCell) in Retinitis<br>Pigmentosa   | No longer active       |
| UCI                    | UCI Stem Cell Clinic<br>(949) 824-3990<br>stemcell@uci.edu  | ImmunoCellular<br>Therapeutics | Cancer - Brain                     | A Phase 3 Randomized Double-<br>blind, Controlled Study of ICT-107<br>With Maintenance<br>Temozolomide (TMZ) in Newly<br>Diagnosed Glioblastoma   | No longer<br>active    |
| UCI<br>& UC Davis      | UCI Stem Cell Clinic<br>(949) 824-3990<br>stemcell@uci.edu<br>UC Davis: Jane McCluskey<br>916-703-9302<br>jmccluskey@ucdavis.edu                                | Humacyte                       | Kidney Failure                     | Comparison of the Human<br>Acellular Vessel (HAV) With<br>ePTFE Grafts as Conduits for<br>Hemodialysis  | Recruiting             |
| UCSD                   | Teresa Rzesiewicz<br>844-317-7836<br>alphstemcellclinic@ucsd.edu  | Discgenics                     | Degenerative Disc<br>Disease       | Study to Evaluate the Safety and<br>Preliminary Efficacy of IDCT, a<br>Treatment for Symptomatic<br>Lumbar Intervertebral Disc<br>Degeneration  | Recruiting             |
| City of Hope           | Lucy Ghoda<br>626-218-3605<br>lghoda@coh.org  | City of Hope                   | Neurodegenerative<br>Disorder      | Acquisition of Skin Biopsy<br>Samples from Healthy Volunteers<br>and Patients Diagnosed with X-<br>Linked Adrenoleukodystrophy<br>(ALD), Canavan Disease (CD) and<br>other Inherited Leukodystrophies | Recruiting             |
| City of Hope<br>& UCLA | City of Hope: Amrita Krishnan,<br>MD<br>(626) 256-4673 ext 62405<br>AKrishnan@coh.org<br>UCLA: Maricella Gonzalez<br>310-557-3729<br>mmgonzalez@mednet.ucla.edu | City of Hope                   | HIV/AIDS                           | Safety Study of Zinc Finger<br>Nuclease CCR5-modified<br>Hematopoietic Stem/Progenitor<br>Cells in HIV-1 Infected Patients  | Recruiting             |
| City of Hope           | Jana Portnow, MD<br>(626) 256-4673 ext 62909<br>jportnow@coh.org  | City of Hope                   | Cancer - Brain                     | Genetically Modified Neural<br>Stem Cells, Flucytosine, and<br>Leucovorin for Treating Patients<br>With Recurrent High-Grade<br>Gliomas   | Active, not recruiting |
| City of Hope           | Jana Portnow, MD<br>(626) 256-4673 ext 62909<br>jportnow@coh.org  | City of Hope                   | Cancer - Brain                     | Carboxylesterase-Expressing<br>Allogeneic Neural Stem Cells and<br>Irinotecan Hydrochloride in<br>Treating Patients With Recurrent<br>High-Grade Gliomas  | Recruiting             |

| City of Hope | Amrita Krishnan, MD<br>(626) 256-4673 ext 62405<br>AKrishnan@coh.org | City of Hope | Cancer -<br>Lymphoma (AIDS-<br>Related) | Gene Therapy After Frontline<br>Chemotherapy in Treating<br>Patients With AIDS-Related Non-<br>Hodgkin Lymphoma  | Active, not recruiting |
|--------------|--|--------------|---|--|------------------------|
| City of Hope | Behnam Badie, MD<br>(626) 256-4673 ext 60098<br>bbadie@coh.org       | City of Hope | Cancer - Brain                          | Genetically Modified T-cells in<br>Treating Patients With Recurrent<br>or Refractory Malignant Glioma  | Recruiting             |
| City of Hope | L. Elizabeth Budde, MD, PhD<br>(626) 256-4673<br>ebudde@coh.org      | City of Hope | Cancer - Leukemia                       | Genetically Modified T-cell<br>Immunotherapy in Treating<br>Patients With Relapsed or<br>Refractory Acute Myeloid<br>Leukemia  | Recruiting             |
| City of Hope | Teresa Kim<br>626-218-0263<br>teresakim@coh.org                      | City of Hope | Sickle Cell Disease                     | A Pilot Study to Evaluate the Safety and Feasibility of Induction of Mixed Chimerism in Sickle Cell Disease Patients with COH-MC-17: a Non-Myeloablative, Conditioning Regimen and CD4+T-cell-depleted Haploidentical Hematopoietic Transplant | Recruiting             |

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Clinical trials conducted at CIRM Alpha Stem Cell Clinics must comply with applicable federal and state laws and medical and ethical standards governing the conduct of human clinical trials.

## Find Out More:

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